

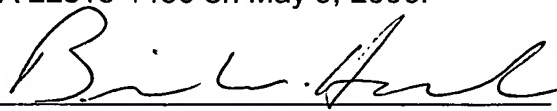


IFW

Certification under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with The United States Postal Service with sufficient postage as first class mail in an envelope addressed to THE COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on May 9, 2006.

Brian W. Hameder (Reg. No. 45,613)
Name


Signature

DOCKET: CU-4560

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jawad HAIDAR

Serial No.: 10/560,804

Group Art Unit:

Filed: December 15, 2005

Examiner:

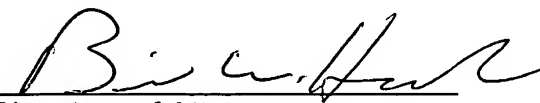
For: A METHOD AND APPARATUS FOR THE PRODUCTION OF METAL COMPOUNDS

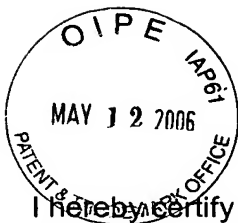
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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of the first Office Action on the merits, whichever event occurs last. 37 CFR 1.97(b).

Date: May 9, 2006

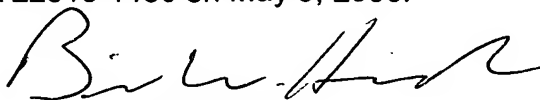

Signature of Attorney
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Reg. No. 45613



Certification under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with The United States Postal Service with sufficient postage as first class mail in an envelope addressed to THE COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on May 9, 2006.

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INFORMATION DISCLOSURE STATEMENT

Applicants submit herewith patents, publications or other information of which the applicants are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references submitted herein are listed on PTO-1449 form (modified) enclosed herewith. A copy of each reference listed is being furnished except any duplicate or cumulative patents or publications specified otherwise. Also, if the present application was filed after June 30, 2003, copies of US patents or published applications are not submitted in accordance with the USPTO Rule changes.

A translation of any foreign language reference, if any, is indicated in PTO-1449 form and being submitted herein if it is readily available. Otherwise it should be construed that such translation is not readily available.

Additional comments, if any, on the relevance of each reference listed are provided as follows:

Also submitted herein is a copy of the PCT Search Report which satisfies the requirement for a translation or concise explanation of any non-English reference cited therein, as provided in MPEP §609 A(3).

The Statement is made on the basis of the information:

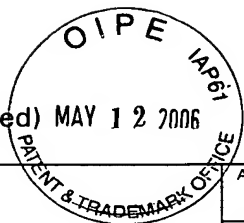
<u> </u>	supplied by the inventor(s);
<u> X </u>	supplied by an individual associated with the filing and prosecution
<u> </u>	of this application (37 CFR 1.56(c)); or
<u> </u>	in the attorney's file.

Respectfully submitted,



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Date: May 9, 2006



Form PTO-1449 (Modified) MAY 12 2006

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	ATTY. DOCKET NO.	SERIAL NO.
	CU-4560	10/560,804
	APPLICANT	
	Jawad HAIDAR	
	FILING DATE	GROUP
	December 15, 2005	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT DOCUMENT	ISSUE/PUB DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE
	2,745,735	05/15/56	Byrns			
	5,935,293	08/10/99	Detering, et al			
	2002/0184971	12/12/02	Myrick			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
	JP 52-078608	07/02/77	Japan (abstract)				
	RU2082561	06/27/97	Russia (abstract)				
	WO 92/14851	09/03/92	PCT				
	EP 0 134 643	06/29/84	EPO				
	DE 27 47 016	04/27/78	Germany				
	JP2001192711	07/17/01	Japan (abstract)				
	EP 0 097 135	12/28/83	EPO				
	GB 1 566 363	04/30/80	United Kingdom				
	EP 0 298 698	01/11/89	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)

	Okabe, et al., "Reaction Pathways during Metallothermic Reduction of $TiCl_4$ by Utilizing Chemical Potential Diagrams," <i>Titanium Extracting and Processing</i> , 1997, pp. 133-150.
	DeKock, et al., "Attempted Preparation of Ti-6-4 Alloy Powders from $TiCl_4$, Al, VCl_4 and Na," <i>Metallurgical Transactions B</i> , Vol. 18B, September 1987, pp. 511-517.
	Bartlett, et al., "Titanium Powder by Magnesium Reduction of $TiCl$ in Liquid Zinc Alloy," <i>Light Metals</i> , 1994, pp. 1181-1186.
	Lu, et al., "The Mechanical Alloying of Titanium Aluminides," <i>JOM</i> , February 2002, pp. 62-64.
	Bertolino, et al. "Ignition mechanism in combustion synthesis of Ti-Al and Ti-Ni systems," <i>Intermetallics</i> 11, 2003, pp. 41-49.
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	Chen, et al. "Direct electrochemical reduction of titanium dioxide to titanium in molten calcium chloride," <i>Nature</i> , Vol. 407, September 2000, pp.361-364.
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	Reddy, et al. "Thermodynamic properties of Ti-Al intermetallics," <i>Journal of Alloys and Compounds</i> 321, 2001, pp.223-227

(Form PTO-1449)